

TECHNICAL DATA SHEET

DESCRIPTION

ASHEX is a high-performance cement admixture, specially designed to enhance the strength, durability, and bonding of fly ash bricks. It optimizes the chemical reaction within the brick mixture, leading to improved compressive strength, reduced shrinkage, and superior moisture resistance.

KEY BENEFITS

- Superior Bonding & Structural Integrity - Strengthens fly ash particles for enhanced durability
- Fast Setting - Speeds up curing for efficient production cycles.
- Smooth Finish - Enhances texture for a premium look.
- Reduced Cracks & Shrinkage - Minimizes deformation for precise brick shaping.
- Enhanced Water Resistance - Lower porosity ensures better protection against moisture.
- Mould Protection & Longevity – Prevents residue buildup, keeping mould clean and extending their life span.
- Eco-Friendly Composition – Supports sustainable construction through optimized fly ash utilization.
- Dosage : 200 ml per bag of cement.
- Mixing Guidelines - Ensure uniform dispersion using mechanical blending.

AREA OF APPLICATION

Flyash Bricks Manufacturing

TECHNICAL PARAMETERS

Visual Appearance	Free flowing Liquid
Color	Light Green
Relative Density at 25°C	1.40 – 1.45
pH(as such)	12 ± 2
Chloride Content Maximum	0.2%
All above test completed at 27°C.	

APPLICATION GUIDELINES

Dosage: Per batch (As formulation needs)



MIXING

AshEx is supplied in a ready to use form. For better homogeneous mixing Shake Well & add this in water which will be used for mix.

Note: Do not add high dosage than recommended.

PACKAGING

ASHEX is available in Pack size of 20 & 50 Liter. Packaging size may vary subject to local regulations and customer requirements.

STORAGE & SHELF LIFE

ASHEX should be stored at room temperature(min 10°C and max 40°C). Kept in dry and away from sunlight. Shelf life is 5years if stored as specified. Protect from wet and rainfall areas.

PRECAUTIONS & LIMITATIONS

Do not add ASHEX directly to dry cement & aggregate mix.

HEALTH & SAFETY

ASHEX is not a health hazard or fire risk. Spillages should be washed immediately to avoid possibilities of slipping. Use rubber hand gloves & safety goggles, while using Safecrete. In case of contact with Eyes & skin, wash with plenty of water. Keep out of reach of children.